

TO/F-4-S-21

20 October 1959

APPROVED FOR: Chiefs, Senior Staffs and Area Divisions

SUBJECT: Application of Imaginative Research on the Biological
and Physical Sciences to [redacted] Problems

1. TSS has been conducting research aimed at understanding the control control systems of the human organism so as to allow evaluation and control of these systems, either in individuals or in groups. Although this research program has been sound and imaginative, it has not resulted in any substantial improvement in the Clandestine Service operational capabilities. A principal reason for this ineffectiveness has been the lack of a key point in the CS operational complex effectively to apply the results of this TSS research to [redacted] operational needs or to interpret the [redacted] operational requirements in the light of possible further TSS research.

2. I am, therefore, assigning to Dr. [redacted] who has just returned from an operational tour in [redacted] the responsibility of looking into this matter and reporting his findings and recommendations to me. Dr. [redacted] will be attached to the [redacted] staff for the period of this assignment.

3. The following criteria will govern Dr. [redacted] assignment:

a. The examination on a continuing basis of proposed and planned [redacted] operations in order to sift through this complex mass of material to find those points where a research attack might significantly increase CS operational capabilities. It is envisioned that this scrutiny will start from a consideration of the broadest CS objectives and include all the possible points of attack from the level of the formulation of these objectives to the detailed operational actions that are now being used or could conceivably be used to achieve them.

b. This process of problem identification will involve a determination first of those problems which can be partially solved by existing techniques. The problems which are not solvable by current techniques will be submitted to external research mechanisms for a determination of their feasibility. If they are proved feasible, research programs will be recommended to solve them.

c. The investigation as to the proper guidance point within the CS for all the biological and physical science activity mounted to satisfy CS needs, both from the standpoint of the research itself and also the application of such research as opportunities develop.

APPROVED FOR RELEASE

Date 1 JUN 1970

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Surfaced by [redacted]

d. Inquiry and analysis shall not be limited only to problems which are research problems in the classical sense (that is, problems where carefully contrived series of controlled experiments can be conceived which will produce an unequivocal result), but will also include investigation of activities which involve a systematic application of various scientific disciplines to the kind of CS problems which, by their very nature, are impossible to attack in a classical research sense.

Deputy Director
(Plans)

Distributions:
1 each Mv & Staff Chief
3 - [redacted]